

SOUTH PRODUCTION NOTES

**January 28, 2014
Morning Shift**

**BASF EMPLOYEES
66 Last Recordable
211 Last Lost Time**

CRT's: When we run #5 we will need to fill out the #5 bag house check sheet.

Make everyone aware that if we continue to make batches and DO store them in Building 27.....This will require the building to be regulated !

#1 MED Si-1624: Continue running.

Day shift: Continue

Afternoon Shift: Continued to run.

Midnight shift: Continued to run.

#1 RC / Si-1624: Continue calcining.

Day shift: Continue. NOTE: there is a bag with a liner that fell in (was bag #3). This bag will be brought to the second floor, placed in the RED zone, and fed at the end of the run (per Kristen Kaput).

Afternoon Shift: Continued to run.

Midnight shift: Continued to run.

Exhaust to F-1

#2 MED line/ Cu-1230: On hold....both end seals leaking badly

Day Shift: Seals being worked on Monday morning. If ok and ready, restart line in afternoon.

Afternoon Shift: On hold for end seals. Velez coming in at 3am to continue working on.

Midnight shift: Maintenance started to work on mixer at 6:00 am.

#2 RC/ Cu-1230: Down. Maintenance will not be working on the gear box, but will be pulling the dam. The replacement gear box is ordered with a month lead time. Original prognosis was a gear box leak possibly due to overfilling. We will run and monitor until the replacement gear box comes in.

Day shift: Calciner is locked out and ready for entry to pull dam. Confirmed with John Bodmann that no flush needed to run through, and screens should be same as last product.

Afternoon Shift: On hold.

Midnight Shift: On hold. Sintron is out waiting for dam removal.

Exhausting to CTO

#3 MED line / D-1798 NAQ: Continue on. Be sure to grease the end seals once a shift to prevent leakage from the end seals.

Day shift: Continue on...will stick with greasing end seals once per shift to prevent powder leaks. Auto greaser is activated and *should* engage when mixer starts. If it does not, turn switch to manual and make sure air is going to greaser.

Afternoon Shift: Continued to run.

Midnight Shift: Continued to run.

#3 RC/ D-1798 NAQ: Continue on

Day shift: Continue

Afternoon Shift: Continued to run.

Midnight shift: Continued to run.

Exhausting to CTO

Old Pfaudler – D 1795 done: Pfaudler and hopper rinsed.

Day Shift: Hold.

Afternoon Shift: Hold

Midnight shift: Hold

Tank 7 / AMT for D-1795 NAQ: Need to have totes in order to drain tank.

Day shift: Acid rinse still in tank. Will empty out when time and when we have available empty totes. Guy Baetjer was notified...will inform him when we are ready for level indicator repairs.

Afternoon Shift: No change.

Midnight shift: No activity.

New Pfaudler / Ni-2458 : Per Bill Grodecki: DO NOT make another batch until all of the first dip lots have been calcined. If this changes, Bill Grodecki will advise.

Day shift: On hold

Afternoon Shift: On hold.

Midnight shift: No activity.

Tank 6 / Ni Solution: Solution was cooked down ... WATCH TEMPS ON TANK!!!

Day shift: Tank was checked and is currently OK (not over-cooked).

Afternoon Shift: No change.

Midnight Shift: No activity.

National Dryer / Ni 2458 : Continue feeding / keep temperature close to 80 degrees.

Day shift: No activity

Afternoon shift: No change.

Midnight shift: No activity.

#4 RC / Ni 2458: Back up and running. Trimer issues have been corrected. Continue to monitor.

Day shift: Restarted feed as described above. Trimer ORP set at 500 and so far OK.

Monitor and adjust feed rate slowly (we have a meter on each end of the calciner to check for NOx)

Afternoon Shift: Continued to run.

Midnight shift: Continued to run. Trimer running ok. Made up one sulfide tank and filled chem tank with water twice.

Exhaust to Trimer

PK Blender / OxyVinyl Catoxid: Continue. Use 112 Bags. Bodmann making changes to Chrome needs.

Day shift: Continue

Afternoon Shift: Continued on.

Midnight shift: Continued on. Sample sump and sent to WWTP.

#5 RC / OxyVinyl Catoxid next: Currently down due to HEPA filter in poor condition. Will re-assess status on Monday morning (will need additional HEPA filters – do not have any more). When we restart, we will need to feed 3 batches in a row from the PK blender that are above batch 7083 and then begin alternating batches (1 batch above 7083, one batch below 7083). Fill out the #5 dust collector bag house sheet while running the chrome.

Day shift: HEPA filter update...next filter should be expedited by Friday Jan 31, possibly sooner. Kristen will update and advise. Also, may need to clean out 5B dust collector line (possibly blocked at Y-piece between scalp line and line going to hopper, and may be backed up in bottom of bag house). Will look at this with engineer Tuesday.

Afternoon Shift: No change.

Midnight shift: No activity.

Exhaust to 5DC

Tower 3 / Cu-1986: Loaded and running.

Day shift: Tower unloaded end of 7-3 shift, will need to reload 3-11 shift.

Afternoon shift: Tower reloaded and running.

Midnight Shift: Tower was shut down due to Mass Spec not working.

Tower 6 / Cu-1986: Loaded and running

Day shift: Continue

Afternoon shift: Continued on.

Midnight Shift: Mass spec not working but able to continue running tower based on temperatures. Work notification written – 933899024.

Harrop Kiln - Al-3921 T 3/16: Down... saggars have been removed, screener parts at TK#2

Day shift: Down

Afternoon Shift: Down

Midnight Shift: Down.

North Screener / E 474: Continue on, then when E 474 totes are done switch screener to Cu 1986.

Day shift: 1-2 totes remaining

Afternoon Shift: 1 tote left.

Midnight shift: Continued.

South Screener / Cu 1986: Continue on.

Day shift: Ready to screen (6 totes)

Afternoon Shift: Continued to run.

Midnight shift: Continued.

#6 - RC / D-0756: Will need to eventually clean the spiral, calciner and screener.

Day Shift: Down

Afternoon shift: Down

Midnight shift: Additional clean up on the dryer and screener.

Exhaust to Sly Scrubber

Tunnel Kiln #2 / V-2045 is next: Start changing over the saggars on TK 2 to the vanadium saggars after we complete Tk4 job.

Day shift: Sagger change-over complete, general cleaning around all kilns/washrooms/office

Afternoon Shift: Cleaning and CBT's.

Midnight shift: Cleaning and CBT's.

Tunnel Kiln #4 / Cu-0540 done: Continue cleaning under belt, and begin breakdown and cleaning of screener.

Day shift: General cleaning around all kilns/washrooms/office

Afternoon Shift: Cleaning and CBT's.

Midnight shift: Cleaning and CBT's.

#2662 Pill Machine / Al-3917 3/16: Finished. Holding for decision to switch to 3915.

#2664 Pill Machine / AI-3917 3/16: Finished. Holding for decision to switch to 3915.